

Application No.: 09/943,910

Docket No.: HO-P02089US1

DRAFT AMENDMENTS FOR DISCUSSIONIn the Specification

[0048] Referring to the drawings, and particularly to Figure 1, a preferred embodiment 10 has a distal portion of a plate haptic 12 with protuberances 14 thereon. The sectional view of Figure 2 shows the configuration of the protuberances which extend from both sides of haptic 12. A protuberance may extend from only one side or surface of the haptic. The protuberances will not pass or slide through a fibrosis tunnel or pocket disposed about proximally adjacent smaller dimensioned portions of the haptic. The haptics have a thinned portion 15 adjacent to the optic. Each of the lenses as shown in figures 1, 2, 3, 4, 5, 8, 9 10, and 11 have the thinned portion of the haptic adjacent to the optic.

new matter?

In the Claims

[48.] 1. An intraocular lens for implanting within a natural capsular bag of a human eye, said lens implant comprising:

a lens body having anterior and posterior sides and including an optic and two or more plate haptics spaced about said optic, said haptics having inner ends adjacent to said optic and outer ends extending from said optic, said haptics having lateral edges; and

at least one of said haptics having one or more notches spaced about said lateral edges of said haptics.

[49.] 2. A lens according to claim [48] 1, wherein:

said notches have an edge portion to prevent said haptics from becoming dislocated by preventing shifting or sliding relative to fibrosis pockets.

[50.] 3. A lens according to claim [49] 2, wherein:

said edge portion being disposed at a substantial angle to a longitudinal axis of said haptic.

Application No.: 09/943,910

Docket No.: HO-P02089US1

[51.] 4. A lens according to claim [49] 2, wherein:

said edge portion being disposed at a substantial angle to a side edge of said haptic.

[52.] 5. A lens according to claim [49] 2, wherein:

said edge portion being disposed substantially transversally to a longitudinal axis of said haptic.

[53.] 6. A lens according to claim [49] 2, wherein:

said edge portion being disposed substantially transversally to a side edge of said haptic.

[54.] 7. A lens according to claim [48] 1, further comprising:

a plurality of protuberances extending outwardly from at least one of the anterior and/or posterior sides of one or more of said haptics to fixate said haptic in a natural capsular bag of an eye.

[55.] 8. A lens according to claim [48] 1, wherein:

at least one of said haptics has a plurality of openings formed therethrough to allow fibrosis of an anterior capsule remnant to a posterior capsule remnant through said haptic outer end opening following implantation of said lens into a natural capsular bag of an eye.

Application No.: 09/943,910

Docket No.: HO-P02089US1

[55.] 9. An intraocular lens for implanting within a natural capsular bag of a human eye, said lens implant comprising:

an optic having an anterior and posterior sides and one or more haptics extending from the edge of said optic,

said haptics having inner ends adjacent to said optic and outer ends extending from said optic,

said haptics being adapted to move said optic anteriorly and posteriorly relative to the outer ends of said haptics upon constriction and relaxation of the ciliary muscle of the eye, and

said haptics having at least one protuberance extending from at least one surface of said haptic.

[56.] 10. The lens according to claim [55] 9, wherein said at least one protuberance extends anteriorly from said haptics.

[57.] 11. The lens according to claim [55] 9, wherein said at least one protuberance extends posteriorly from said haptics.

[58.] 12. The lens according to claim [55] 9, wherein said at least one protuberance extends both anteriorly and posteriorly from said haptics.

[59.] 13. The lens according to claim [55] 9, wherein said at least one protuberance extends laterally from said haptics.

Application No.: 09/943,910

Docket No.: HO-P02089US1

[60.] 14. The lens according to claim [55] 9, wherein at said least one protuberance extends anteriorly or posteriorly, or both anteriorly and posteriorly from said haptics, and may have at least one other protuberance that extends laterally from said haptics.

15. The lens according to claim 1 or 9, wherein said inner ends have a thinned portion adjacent to the optic.

17. The lens according to claim 9, wherein said haptics have lateral edges, and at least one of said haptics have one or more notches spaced about said lateral edges of said haptics.

18. The lens according to claim 1 or claim 9, wherein said lateral edges of said haptics are parallel to each other, or tapered outwardly from the optic, or tapered inwardly from the optic.

19. The lens according to claim 1 or claim 9, wherein said haptics have one or more openings formed therethrough.

20. The lens according to claim 9, wherein the protuberances are prong portions with globular knob end portions.

21. The lens according to claim 9, wherein the protuberances are prong protuberances.

22. The lens according to claim 9, wherein the protuberances extend outwardly from the anterior and/or posterior sides.

23. The lens according to claim 9, wherein the protuberances extend outwardly from the peripheral border of said haptic.